



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**Attorney Docket No. 048369/0121**

Applicant: Shigeru MORI  
Title: PRINTED WIRING BOARD  
Serial No.: 09/812,817  
Filed: March 21, 2001  
Examiner: I. Patel  
Art Unit: 2827 ✓

**INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.56 and 37 CFR §1.97**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

Submitted herewith on Form PTO-SB/08 is a listing of documents known to Applicant in order to comply with Applicant's duty of disclosure pursuant to 37 CFR 1.56. A copy of each listed document is being submitted to comply with the provisions of 37 CFR 1.97 and 1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicant does not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a prima facie prior art reference against the claims of the present application.

**TIMING OF THE DISCLOSURE**

The listed documents are being submitted in compliance with 37 CFR §1.97(i), and are being submitted after the payment of the issue fee, and after issuance of patent. In accordance with the provisions of 37 CFR §1.97(i), the references will be put in the file at the PTO, but will not be considered.

**CERTIFICATION**

The undersigned hereby certifies in accordance with 37 C.F.R. §1.97(e)(1) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three (3) months prior to the filing of this Statement.

**RELEVANCE OF EACH DOCUMENT**

A translation of a portion of a Japanese Office Action that issued March 16, 2004 with respect to a counterpart Japanese patent application is provided below.

“(For Claims 1, 2, 3, 5 and 6)  
Cited Literature 1 and 2

**Remarks**

Cited Literature 1 and 2 both describe providing the same thermal expansion buffer layer as in the inventions of the present application.

(For Claim 4)  
Cited Literature 1, 2 and 3

**Remarks**

Cited Literature 3: The point of providing an organic sheet 11 comprising aramid material, a fully aromatic polyamide resin, in the outermost layer.

List of Cited Literature

1. Japanese Unexamined Patent Application Publication H07-297560
2. Japanese Unexamined Patent Application Publication H10-242326
3. Japanese Unexamined Patent Application Publication 2000-036666."

Applicant's statements regarding the Japanese Office Action are based on a partial translation that Applicant's representative obtained. These statements should in no way be considered as an agreement by Applicant with, or an admission of, what is asserted in the Japanese Office Action.

Respectfully submitted,

April 15, 2004  
Date

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Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  Date Submitted: April 15, 2004 <i>(use as many sheets as necessary)</i>				<b>Complete if Known</b> Application Number      09/812,817 Filing Date                03/21/2001 First Named Inventor      Shigeru MORI Group Art Unit              2827 Examiner Name              I. Patel Attorney Docket Number    048369-0121	
Sheet	1	of	1		



U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
	A1	JP	7-297560			11/10/1995		ABS
	A2	JP	10/242326			09/11/1998		ABS
	A3	JP	2000-36666			02/02/2000		ABS

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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